

REMARKS

This application has been carefully reviewed in light of the Office Action dated June 27, 2005. Claims 52 to 63 are pending in the application, of which Claims 52, 56 and 60 are independent. Reconsideration and further examination are respectfully requested.

Claims 2, 4, 7 to 11, 13, 15, 16, 18, 20, 21 and 23 were rejected under 35 U.S.C. § 102(e) over U.S. Patent No. 5,687,174 (Edem), and Claims 5 and 6 were rejected under 35 U.S.C. § 103(a) over Edem. Reconsideration and withdrawal of these rejections are respectfully requested.

The present invention concerns data transmissions between a data supply device and a target device. The data transmission features locking a target device, communicating capability information of the target device to a data supply device, and transmitting data by the data supply device to the locked target device based on the capability information. Accordingly, the data transmission is efficiently executed in accordance with capability of the target device. Further, when a state of the target device is changed by a communication control signal from another device, data may not be efficiently transmitted as the state of the target device is inappropriately changed. To safeguard the data transmission, the present invention prevents the changing of the state of the target device by locking the target device before the data transmission is started.

Turning now to the claims, Claim 52 is directed to a data transmission method used between a data supply device and a target device. The method comprises locking the target device such that the target device does not receive communication control from another device; transmitting capability information of the target device to the data supply device from the locked

target device; and transmitting data to the locked target device from the data supply device based on the capability information.

In contrast, Edem discloses determination of a communication protocol between a hub and a node in a data communication network. That is, if a communication protocol of a node protocol signal is different from a communication protocol of a hub protocol signal, a protocol identifying circuit identifies the communication protocol from among available communication protocols so that the hub is capable of communicating. However, Edem merely discloses communication between the node and the hub, but does not disclose communication between the nodes. In other words, Edem does not disclose locking the target device such that the target device does not receive communication control from another device; transmitting capability information of the target device to the data supply device from the locked target device; and transmitting data to the locked target device from the data supply device based on the capability information.

In light of the deficiencies of Edem as discussed above, Applicants submit that independent Claim 52 is now in condition for allowance and respectfully request same.

Independent Claims 56 and 60 are directed to an apparatus and a method, respectively, substantially in accordance with the method of Claim 52. Accordingly, Applicants submit that Claims 56 and 60 are also now in condition for allowance and respectfully request same.

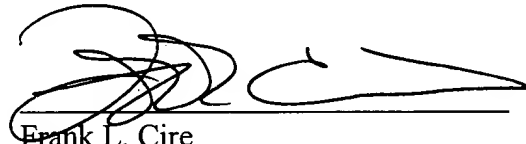
The other claims in this application are each dependent from one of the independent claims discussed above and are therefore believed allowable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the

invention, however, the individual reconsideration of the allowability of each on its own merits is respectfully requested.

In view of the foregoing amendments and remarks, Applicants respectfully request favorable reconsideration and early passage to issue of the present application.

Applicants' undersigned attorney may be reached in our Costa Mesa, CA office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Frank L. Cire', written over a horizontal line.

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